



Product Evaluation

WIN2179 | 0117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2179

Effective Date: January 1, 2017

Re-evaluation Date: November 2020

Product Name: Series 450 HS Vinyl Horizontal Sliding Window, Non-Impact Resistant

Manufacturer: Legacy Vinyl Window. L.P.
1813 Kelly Blvd.
Carrollton, TX 75006

General Description:

System	Description	Label Ratings	Design Pressure
1	Series 450HS Vinyl Horizontal Slider Window; (OX)	R-PG50 72x44-HS	±50 psf

Product Dimensions:

System	Overall Window Size	Sash Size	Sash Daylight Opening Size
1	72" x 44"	35-1/2" x 41-1/4"	33-1/8" x 38-7/8"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LVW-1
	Product Name	Series 450 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 / NFRC 100

Impact Resistance:

System	Impact Resistance	Description
1	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	New Construction – Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 2" Pan Head Screws
	Fastener Location/Spacing	Drive fasteners through the nail fin around the entire window perimeter at 2" from each corner centerline and at 12" on center thereafter.
	Fastener Penetration	Minimum 1-1/2" into the Wall Framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.